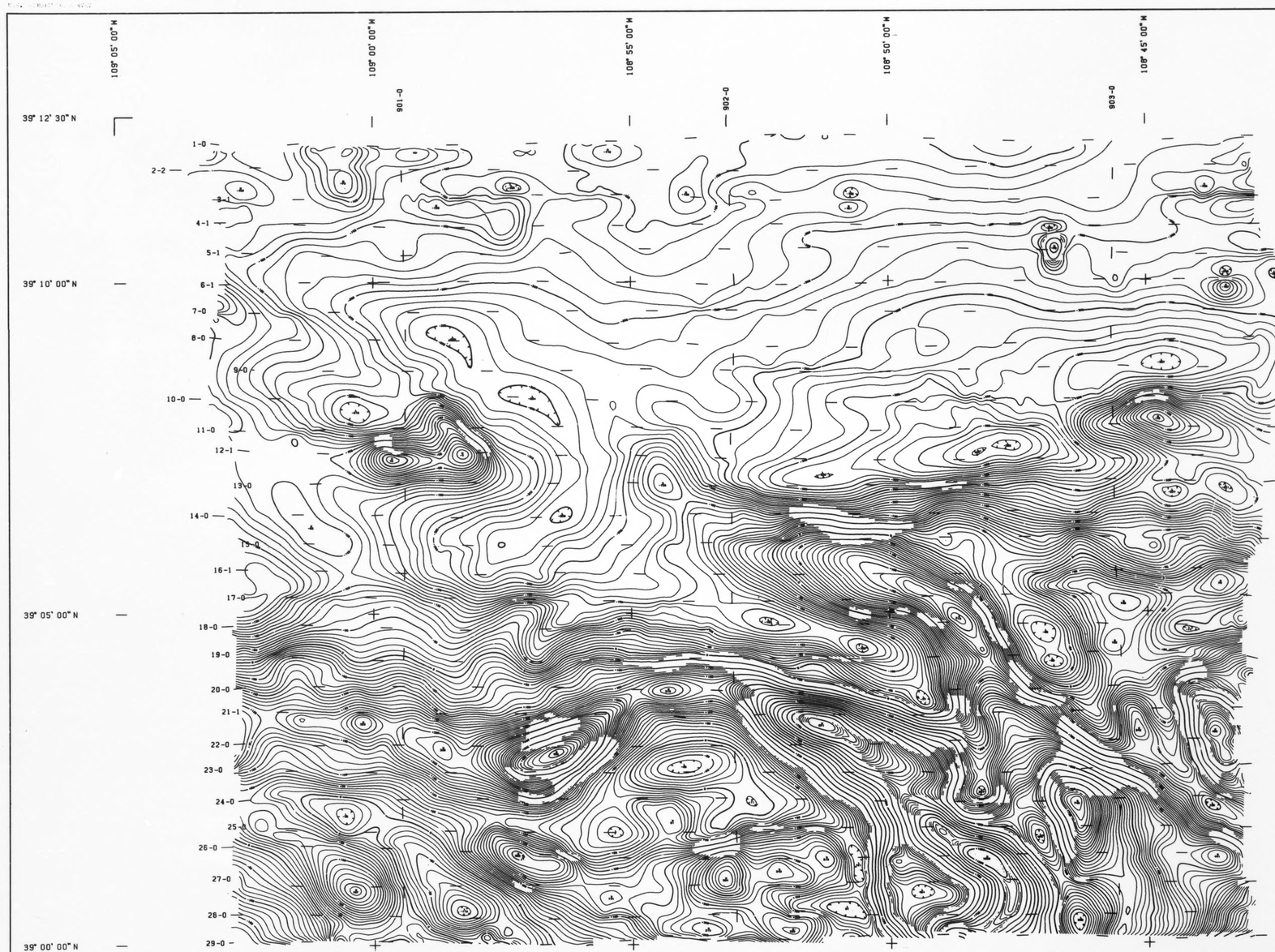
87-337



INDEX MAP OF COLORADO
showing location of this study area

SURVEY SPECIFICATIONS

Contour Interval:	10 Gammas
Flight Line Spacing Traverse Lines:	0.50 Mile
Tie Lines :	5.0 Miles
Flight Line Direction:	EAST - WEST
Tie Line Direction :	NORTH - SOUTH
Sample Interval:	196.8 Feet
Flight Path Record:	JVC Color Video Camera
Digital Acquisition System:	GeoMetrics G-714
Latitude and Longitude interval:	5.0 Minutes
Survey Altitude:	500 Feet MTC
Projection:	Universal Tranverse Mercator
Grid Zone:	12
Spheroid:	Clarke 1866 Spheroid
Flight line recovery:	Visually to 1:24000 USGS topos
Magnetometers:	GeoMetrics G-813 Proton Precession
Sensitivity:	0.01 Gamma
Corrected Total Intensity Magnetometer Value of IGRF	Before Removal
X-LCTN-METERS :	669118.250
Y-LCTN-METERS :	818440.500
TIME :	16.252
MAG-CORR-ONL-GAMMAS :	53859.434
Flown:	October, 1985
Flown by:	Airborne Geophysics, Inc.
Compiled by:	EG&G GeoMetrics

PROCESSING DETAILS:

Reference field:	1980 IGRF Updated to 1985.8
Diurnal:	Removed
Type of Filtering:	None
Levelling:	DC Bias adjusted by least squares
Interpolation Method:	Minimum Curvature with Bicubic Spline
Primary Grid Size:	182.88m by 182.88m
Tie Lines were not used in Interpolation:	
Type of Data:	Gradient Enhanced Residual Magnetic Data From Horizontal Gradiometer
Magnetic Declination:	12.8308 Degrees

AEROMAGNETIC MAP OF THE BLACK RIDGE CANYON AREA, WESTERN COLORADO

BY

U.S. GEOLOGICAL SURVEY

1987

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SCALE 1:50 000

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS